Index

IEE Proceedings
Electric Power Applications
Vol. 143, 1996

Author Index

A

Abu Sharkh, S.M. p429
Acarnley, P.P. p87
Aggarwal, R.K. p41
Alexandrovitz, A. p294
Alwash, J.H.H. p339
Andrade, D.A. p59
Asher, G.M. p113, p123, p231, p258, p380
Atkinson, D.J. p87
Axelrod, A. p165

B

Bhat, S.R. p141
Binns, K.J. p417
Blasco-Gimenez, R. p113, p123, p258
Bousbaine, A. p78
Bowes, S.R. p281
Bradley, K.J. p113, p123, p258
Bucknall, R. p443
Bumby, J.R. p269

C

Cai, Y. p251
Case, S.H. p251
Catto, G. p388
Chan, C.C. p177
Chang, C.S. p9, p307
Chang, S.-C. p492
Chang, S.C. p242
Chern, T.-L. p467
Chiang, S.J. p317
Cho, J.G. p475
Chudnovsky, V. p165
Clare, J.C. p231, p380
Coles, J. p437
Corda, J. p59
Cross, A.D. p225
Czarnecki, R. p396

D

Dash, P.K. p371
Dixon, J. p301
Dorrell, D.G. p193, p202

F

Fan, C. p108
Finch, J.W. p87
Finney, S.J. p403
Flower, J.O. p211
Forsyth, A.J. p345

G

Gersh, D. p423
Green, T.C. p403
Gupta, N.K. p172

H

Haines, N. p443
Harris, M.R. p429
Hasse, K. p396
Hatziargyriou, N.D. p331
Haylock, J.A. p437
He, X. p403
Healey, R.C. p69
Ho, Y.K.E. p345
Holmes, P.G. p50
Hopewell, P.D. p225
Hsu, C.Y. p25
Hughes, A. p59

I

Irving, M.R. p251

J

Jack, A.G. p437
Jackson, R.D. p18
Jan, L.C. p317
Jenkins, N. p225
Johns, A.T. p41
Jong, C.-F. p467
Jou, H.-L. p219

K

Kang, S.H. p41
Kang, Y.C. p41
Kim, J.-H. p323
Kwon, B.-H. p323

L

Lai, Y.S. p281
Landy, C.F. p135
Liaw, C.M. p317
Lin, F.-J. p186
Liu, C.-C. p458
Liu, C.-H. p458
Liu, C.-S. p467
Low, W.F. p78

M

McCormick, M. p78
Mecrow, B.C. p437
Meyer, A.S. p135
Michaelides, A.M. p361
Min, B.-D. p323
Moran, L. p301

O

O'Kelly, D. p157, p481

P

Pajooman, G.H. p429
Panda, S.K. p371
Papadias, B.C. p331
Park, J.K. p41
Parsley, G.M.J. p135
Pena, R. p231, p380
Penman, J. p449
Phoa, Y.H. p9
Pickup, I.E.D. p95
Pollock, C. p361
Pollock, H. p211
Power, A. p108
Profumo, F. p410
Prousalidis, J.M. p331

Q

Qian, Z. p403

R

Russell, A.P. p95

S

Salama, M.H. p50
Shenkman, A. p165
Shimmin, D.W. p417
Shinohara, K. p151
Shuttleworth, R. p108
Smith, A.C. p193, p202
Spooner, E. p1, p269, p388, p443
Stavrou, A. p449
Sumner, M. p113, p123, p258
Suryawanshi, H.M. p354

T

Tarnekar, S.G. p354
Tenconi, A. p410
Tepper, S. p301
Thia, B.S. p9, p307
Tian, X. p108

U

Umanand, L. p141

V

Vilathgamuwa, D.M. p18

W

Walczyna, A.M. p396
Wall, S.R. p18
Walton, A. p31
Wang, H.-Q. p177
Wang, W. p9
Weinstock, D. p294
Westlake, A.J.G. p269
Williams, B.W. p403
Williamson, A.C. p1, p388
Williamson, S. p69, p423
Wilson, J.G. p172
Wu, H.Y. p25
Wu, J.-C. p219
Wu, W.C. p317

Y

Yacamini, R. p242
Yamamoto, K. p151
Yan, G.-M. p467
Yeh, S.-N. p492
Young, C.-M. p458
Yousef-Zai, F.Q. p481

Z

Zhang, Z. p410
Zuckerberger, A. p294

CIRCUIT BREAKERS

New tap changing scheme p108

CIRCUIT COMPONENTS

IGBT based zero voltage transition full bridge PWM converter for high power applications p475

CLOSED LOOP SYSTEMS

Dynamic characteristics and closed-loop performance of the series-parallel resonant converter p345
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396

COMPUTER APPLICATIONS

A new single-phase active power filter with reduced energy-storage capacity p25
Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
New inverter-driven design and control method for two-phase induction motor drives p458
Online rescheduling of mass rapid transit systems: fuzzy expert system approach p307
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Solid-state on-load transformer tap changer p481

CONTROL SYSTEMS ANALYSIS

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Simplified control method for the single-phase active power filter p219
Space vector representation of advanced motor models for vector controlled induction motors p69
Vector control of cage induction motors: a physical insight p59

CONTROL SYSTEM SYNTHESIS

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Operation control of paralleled three-phase battery energy storage system p317
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Simplified control method for the single-phase active power filter p219

CONVERTORS

A doubly fed induction generator using back-to-back PWM converters supplying an isolated load from a variable speed wind turbine p380
A new single-phase active power filter with reduced energy-storage capacity p25
Comparison between space vector modulation and subharmonic methods for current harmonics of DSP-based permanent-magnet AC servo motor drive system p151
Current sensorless field-oriented control of induction motors p492
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic characteristics and closed-loop performance of the series-parallel resonant converter p345
Fault-tolerant permanent magnet machine drives p437
IGBT based zero voltage transition full bridge PWM converter for high power applications p475
Improved design for electric vehicle induction motors using an optimisation procedure p410
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters p281
Medium frequency combined inverter for electroheat with improved starting arrangements p165
Modified LCLC-type series resonant converter with improved performance p354
New inverter-driven design and control method for two-phase induction motor drives p458
New snubber circuit with passive energy recovery for power inverters p403
New tap changing scheme p108
Novel topologies of AC choppers p323
Operation control of paralleled three-phase battery energy storage system p317
Practical evaluation of different modulation techniques for current-controlled voltage source inverters p301
Predicting performance of three-phase induction motors connected to single-phase supplies p339
Series-parallel load-resonant converter for controlled-current arc welding power supply p211
Simulation of three-phase loaded matrix converter p294
Solid-state on-load transformer tap changer p481
Variable structure control of voltage sourced reversible rectifiers p18

DIGITAL ELECTRONICS

Discrete integral variable structure model following control for induction motor drivers p467

DISCRETE SYSTEMS

Discrete integral variable structure model following control for induction motor drivers p467
Dynamic characteristics and closed-loop performance of the series-parallel resonant converter p345

ELECTROMAGNETISM

Computation of hysteresis motor performance including negative sequence excitation p157
Modelling and design of switched reluctance motors with two phases simultaneously excited p361
Vector control of cage induction motors: a physical insight p59

ELECTRIC VARIABLES CONTROL

A new single-phase active power filter with reduced energy-storage capacity p25
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic characteristics and closed-loop performance of the series-parallel resonant converter p345
Improved design for electric vehicle induction motors using an optimisation procedure p410
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Modified LCLC-type series resonant converter with improved performance p354
New scheme of sliding-mode control for high performance induction motor drives p177
Operation control of paralleled three-phase battery energy storage system p317
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Practical evaluation of different modulation techniques for current-controlled voltage source inverters p301
Series-parallel load-resonant converter for controlled-current arc welding power supply p211
Simplified control method for the single-phase active power filter p219

ENERGY CONVERSION

Operation control of paralleled three-phase battery energy storage system p317

EXPERT SYSTEMS

Online rescheduling of mass rapid transit systems: fuzzy expert system approach p307

FEEDBACK

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Dynamic performance limitations for MRAS based sensorless induction motor drives. 2. Online parameter tuning and dynamic performance studies p123
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141

FILTERS AND FILTERING

A new single-phase active power filter with reduced energy-storage capacity p25
Simplified control method for the single-phase active power filter p219

FUZZY CONTROL

Economy/regularity fuzzy-logic control of DC railway systems using event-driven approach p9
Online rescheduling of mass rapid transit systems: fuzzy expert system approach p307

GENERATORS

Analysis of single-step damping in a multistack variable reluctance stepping motor p95
Comparison between space vector modulation and subharmonic methods for current harmonics of DSP-based permanent-magnet AC servo motor drive system p151
Determining the number of interpole turns needed for the perfect commutation of a DC machine p135
Direct coupled, permanent magnet generators for wind turbine applications p1
Fault-tolerant permanent magnet machine drives p437
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters p281
Loss-of-mains detection for small generators p225
Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings p429
Slotless-armature DC drives for surface warship propulsion p443

INDUCTION MOTORS

A doubly fed induction generator using back-to-back PWM converters supplying an isolated load from a variable speed wind turbine p380
Broken rotor bars: their effect on the transient performance of induction machines p449
Calculation and measurement of unbalanced magnetic pull in cage induction motors with eccentric rotors. I. Analytical model p193
Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113

Estimation of rotor resistance in induction motors p87
Experimental study of the vibrational behaviour of machine stators p242
Improved design for electric vehicle induction motors using an optimisation procedure p410
New inverter-driven design and control method for two-phase induction motor drives p458
New scheme of sliding-mode control for high performance induction motor drives p177
Novel approach to the measurement of iron and stray load losses in induction motors p78
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258
Predicting performance of three-phase induction motors connected to single-phase supplies p339
Relationship between rated torque and size of permanent magnet machines p417
Representation of rotor spiders and axial ventilation ducts in reduced finite-element models for cage rotors p423
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186
Space vector representation of advanced motor models for vector controlled induction motors p69
Transient and steady-state load performance of a stand-alone self-excited induction generator p50
Vector control of cage induction motors: a physical insight p59

INSULATED GATE FIELD EFFECT TRANSISTORS

IGBT based zero voltage transition full bridge PWM converter for high power applications p475

MAGNETIC MATERIALS AND DEVICES

Direct coupled, permanent magnet generators for wind turbine applications p1
Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings p429
Representation of hysteresis in three-phase transformer models for electromagnetic transients p331

MATHEMATICAL TECHNIQUES

Characteristics of equivalent circuits of synchronous machines p31
Compound matrix partitioning and modification for the solution of branched autotransformer traction feeds p251
Improved design for electric vehicle induction motors using an optimisation procedure p410
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings p429
Predicting performance of three-phase induction motors connected to single-phase supplies p339
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

MEASUREMENT OF SPECIFIC VARIABLES

Broken rotor bars: their effect on the transient performance of induction machines p449
Calculation and measurement of unbalanced magnetic pull in cage induction motors with eccentric rotors. II. Experimental investigation p202
Experimental study of the vibrational behaviour of machine stators p242
Loss-of-mains detection for small generators p225
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258

MULTIVARIABLE CONTROL SYSTEMS

Discrete integral variable structure model following control for induction motor drivers p467
New scheme of sliding-mode control for high performance induction motor drives p177
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Variable structure control of voltage sourced reversible rectifiers p18

NONELECTRIC VARIABLES CONTROL

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
New scheme of sliding-mode control for high performance induction motor drives p177
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

NONLINEAR CONTROL SYSTEMS

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396

NUMERICAL ANALYSIS

Determining the number of interpole turns needed for the perfect commutation of a DC machine p135
Development and hardware implementation of a compensating algorithm for the secondary current of current transformers p41
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Modelling and design of switched reluctance motors with two phases simultaneously excited p361
Novel approach to the measurement of iron and stray load losses in induction motors p78
Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings p429
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258
Representation of rotor spiders and axial ventilation ducts in reduced finite-element models for cage rotors p423
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

OPTIMAL CONTROL

Economy/regularity fuzzy-logic control of DC railway systems using event-driven approach p9
Online rescheduling of mass rapid transit systems: fuzzy expert system approach p307
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141

OPTIMISATION

Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings p429
Predicting performance of three-phase induction motors connected to single-phase supplies p339

PARAMETER ESTIMATION

Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Estimation of rotor resistance in induction motors p87

POWER ELECTRONICS

A doubly fed induction generator using back-to-back PWM converters supplying an isolated load from a variable speed wind turbine p380
A new single-phase active power filter with reduced energy-storage capacity p25
Comparison between space vector modulation and subharmonic methods for current harmonics of DSP-based permanent-magnet AC servo motor drive system p151
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Medium frequency combined inverter for electroheat with improved starting arrangements p165
New snubber circuit with passive energy recovery for power inverters p403
Series-parallel load-resonant converter for controlled-current arc welding power supply p211
Simplified control method for the single-phase active power filter p219

POWER ENGINEERING COMPUTING

Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters p281
New inverter-driven design and control method for two-phase induction motor drives p458
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Solid-state on-load transformer tap changer p481

POWER SYSTEM CONTROL

A new single-phase active power filter with reduced energy-storage capacity p25
Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic characteristics and closed-loop performance of the series-parallel resonant converter p345
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Improved design for electric vehicle induction motors using an optimisation procedure p410
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Modified LCLC-type series resonant converter with improved performance p354
New inverter-driven design and control method for two-phase induction motor drives p458
New scheme of sliding-mode control for high performance induction motor drives p177
Operation control of paralleled three-phase battery energy storage system p317
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258
Practical evaluation of different modulation techniques for current-controlled voltage source inverters p301
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186
Series-parallel load-resonant converter for controlled-current arc welding power supply p211
Simplified control method for the single-phase active power filter p219
Solid-state on-load transformer tap changer p481
Space vector representation of advanced motor models for vector controlled induction motors p69
Variable structure control of voltage sourced reversible rectifiers p18

Vector control of cage induction motors: a physical insight p59

POWER SYSTEM PROTECTION

Development and hardware implementation of a compensating algorithm for the secondary current of current transformers p41

POWER SYSTEMS AND APPLICATIONS

Analysis of power distribution in reinforced concrete during accelerated curing using electroheat p172
Comparison between space vector modulation and subharmonic methods for current harmonics of DSP-based permanent-magnet AC servo motor drive system p151
Compound matrix partitioning and modification for the solution of branched autotransformer traction feeds p251
Current sensorless field-oriented control of induction motors p492
Discrete integral variable structure model following control for induction motor drivers p467
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Economy/regularity fuzzy-logic control of DC railway systems using event-driven approach p9
Estimation of rotor resistance in induction motors p87
Fault-tolerant permanent magnet machine drives p437
Improved design for electric vehicle induction motors using an optimisation procedure p410
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters p281
Medium frequency combined inverter for electroheat with improved starting arrangements p165
New inverter-driven design and control method for two-phase induction motor drives p458
New scheme of sliding-mode control for high performance induction motor drives p177
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186
Series-parallel load-resonant converter for controlled-current arc welding power supply p211
Slotless-armature DC drives for surface warship propulsion p443

POWER SYSTEMS AND PLANTS

A doubly fed induction generator using back-to-back PWM converters supplying an isolated load from a variable speed wind turbine p380
Analysis of power distribution in reinforced concrete during accelerated curing using electroheat p172
Comparison between space vector modulation and subharmonic methods for current harmonics of DSP-based permanent-magnet AC servo motor drive system p151
Compound matrix partitioning and modification for the solution of branched autotransformer traction feeds p251
Current sensorless field-oriented control of induction motors p492
Damping the power-angle oscillations of a permanent-magnet synchronous generator with particular reference to wind turbine applications p269
Direct coupled, permanent magnet generators for wind turbine applications p1
Discrete integral variable structure model following control for induction motor drivers p467
Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation p231
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Economy/regularity fuzzy-logic control of DC railway systems using event-driven approach p9
Estimation of rotor resistance in induction motors p87
Fault-tolerant permanent magnet machine drives p437
Improved design for electric vehicle induction motors using an optimisation procedure p410
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters p281
Medium frequency combined inverter for electroheat with improved starting arrangements p165
Modular design of permanent-magnet generators for wind turbines p388
New inverter-driven design and control method for two-phase induction motor drives p458
New scheme of sliding-mode control for high performance induction motor drives p177
Operation control of paralleled three-phase battery energy storage system p317
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives p258
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186
Slotless-armature DC drives for surface warship propulsion p443

PREDICTIVE CONTROL

Economy/regularity fuzzy-logic control of DC railway systems using event-driven approach p9
Online rescheduling of mass rapid transit systems: fuzzy expert system approach p307

PROBABILITY AND STATISTICS

Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

PRODUCTION ENGINEERING

Fault-tolerant permanent magnet machine drives p437

SELF-ADJUSTING SYSTEMS

Discrete integral variable structure model following control for induction motor drivers p467
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113

SEMICONDUCTOR DEVICES AND MATERIALS

IGBT based zero voltage transition full bridge PWM converter for high power applications p475

SIGNAL PROCESSING

Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

SIMULATION, MODELLING AND IDENTIFICATION

Current sensorless field-oriented control of induction motors p492
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186

STABILITY

Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Dynamic performance limitations for MRAS based sensorless induction motor drives. I. Stability analysis for the closed loop drive p113
Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods p396
New scheme of sliding-mode control for high performance induction motor drives p177
Optimal and robust digital current controller synthesis for vector-controlled induction motor drive systems p141
Robust speed-controlled induction-motor drive using EKF and RLS estimators p186
Variable structure control of voltage sourced reversible rectifiers p18

SUPERCONDUCTING MATERIALS AND DEVICES

Slotless-armature DC drives for surface warship propulsion p443

SWITCHGEAR

New tap changing scheme p108

SYNCHRONOUS MACHINES

Analysis of single-step damping in a multistack variable reluctance stepping motor p95
Application of nonlinear control to switched reluctance motors: a feedback linearisation approach p371
Characteristics of equivalent circuits of synchronous machines p31
Computation of hysteresis motor performance including negative sequence excitation p157
Damping the power-angle oscillations of a permanent-magnet synchronous generator with particular reference to wind turbine applications p269
Modelling and design of switched reluctance motors with two phases simultaneously excited p361
Modular design of permanent-magnet generators for wind turbines p388

TRANSFORMERS

Compound matrix partitioning and modification for the solution of branched autotransformer traction feeds p251
Development and hardware implementation of a compensating algorithm for the secondary current of current transformers p41
IGBT based zero voltage transition full bridge PWM converter for high power applications p475
New tap changing scheme p108
Representation of hysteresis in three-phase transformer models for electromagnetic transients p331
Solid-state on-load transformer tap changer p481